MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

QC
990
.L4
M6
1933

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JANUARY, 1933

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

JANUARY 1933
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	66.4	66.0	67.3	66.6	15.4	10.4	13.7	14.7	11.4	13.3
2	7.9	7.4	7.8	7.7	15.3	10.0	13.7	14.4	13.8	14.0
3	8.6	8.2	8.6	8.5	15.9	10.6	13.8	15.3	12.2	13.8
4	7.7	6.3	6.6	6.9	15.9	10.9	12.8	13.0	11.3	12.4
5	6.6	2.5	6.1	5.1	15.4	10.7	12.1	13.4	10.9	12.1
6	67.5	67.6	68.7	67.9	11.8	10.2	11.7	11.1	9.9	10.9
7	70.4	9.4	70.2	70.0	11.7	6.3	9.9	11.3	10.5	10.6
8	70.8	8.6	68.7	69.4	11.6	7.4	10.7	11.4	8.8	10.3
9	67.5	5.9	6.1	6.5	13.6	8.1	11.5	12.7	10.4	11.5
10	5.1	3.0	3.0	3.7	14.4	9.3	12.5	13.7	10.1	12.1
11	63.4	61.8	61.4	62.2	15.6	9.1	11.9	15.4	12.6	13.3
12	1.2	59.8	60.8	60.6	16.8	11.8	13.1	15.9	12.4	13.8
13	58.6	6.7	57.7	57.7	17.1	12.0	13.9	15.5	13.2	14.2
14	61.3	60.7	61.6	61.2	16.2	10.2	11.5	16.1	12.6	13.4
15	1.1	59.9	59.3	60.1	16.7	11.4	15.5	16.7	13.3	15.2
16	60.7	60.6	59.4	60.2	15.6	10.1	10.4	14.8	14.7	13.3
17	5.3	4.1	64.4	4.6	16.2	10.2	13.6	15.7	13.4	14.2
18	60.8	59.5	2.5	60.9	15.7	11.1	11.1	15.4	14.7	13.7
19	5.3	64.9	5.0	5.1	15.8	11.1	13.8	15.4	11.8	13.4
20	3.0	59.8	59.4	60.7	15.8	10.1	13.4	14.8	12.9	13.7
21	60.6	59.8	60.2	60.2	16.8	11.6	14.6	16.4	12.9	14.6
22	2.0	60.8	60.7	1.2	16.7	11.8	15.5	15.7	15.3	14.8
23	58.4	59.4	53.4	57.1	20.2	12.3	15.8	18.2	20.1	18.0
24	8.2	8.1	60.0	58.8	16.9	12.2	14.9	14.7	14.4	14.7
25	62.1	61.8	2.5	62.1	16.7	9.9	15.1	15.8	14.1	15.0
26	63.7	63.2	63.9	63.6	16.3	11.7	14.3	15.9	12.7	14.3
27	4.1	3.5	4.5	4.0	15.7	11.0	13.8	15.4	10.5	13.2
28	6.1	5.4	5.8	5.8	14.8	9.2	12.7	14.4	11.5	12.8
29	6.2	6.0	8.2	6.8	14.8	9.7	12.7	14.4	11.1	12.7
30	71.3	70.7	71.3	71.1	14.8	9.7	12.0	14.5	11.0	12.5
31	70.2	67.6	66.9	68.2	17.3	10.8	12.0	16.4	14.4	14.3
	764.59	763.51	763.94	764.01	15.60	10.35	13.03	14.79	12.47	13.42

Barometer, Range for month 753.4—771.3 m.m.

,, 50-yr. average for month 763.360 m.m.

Thermometer, Range for month 6.°3—20.2° C.

,, 50-yr. average for month 13°.67 C.

Rain, Total for month 97.64 m.m.

,, , 50-yr average for month 191.01 m.m

,, , total Sept. 1st to end of month 201.18 m.m.

,, , 50-yr. average, Sept. 1st to end of month 576.84 m.m

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METEOROLOGICAL REGISTER

	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	10.1	10.3	7.5	7.4	7.2	5.9	6.8	63	57	60	60	9.0	
2	9.3	10.7	8.5	6.4	7.6	5.9	6.6	53	62	50	55	8.9	
3	10.1	10.2	7.9	7.3	6.2	6.0	6.7	62	52	56	57	8.6	
4	11.7	11.7	10.4	9.5	9.5	8.5	9.2	86	86	85	86	2.5	6.98
5	9.9	10.1	9.5	7.9	7.5	8.1	7.8	75	65	83	74	3.3	4.57
6	8.3	7.3	6.1	6.3	5.8	5.3	5.8	63	60	58	60	3.5	
7	5.8	5.3	5.3	5.1	4.3	4.5	4.6	55	43	48	49	9.1	
8	5.1	6.1	4.3	4.4	4.8	4.3	4.5	46	48	52	59	9.3	
9	5.1	7.9	5.4	4.2	5.8	4.6	4.9	41	53	50	48	9.4	
0	6.8	9.1	6.8	5.0	6.5	5.6	5.7	46	56	60	54	9.2	
1	7.6	9.9	8.1	5.8	6.6	6.0	6.1	56	51	55	54	8.0	
2	8.9	12.0	9.7	6.5	8.3	7.5	7.4	58	61	70	63	3.9	
3	10.4	12.3	11.4	7.5	8.8	9.1	8.5	64	67	80	70	1.2	0.51
4	10.9	12.9	10.1	7.9	9.3	7.7	8.3	66	69	72	69	3.1	12.69
5	10.1	12.3	9.9	6.6	8.1	7.3	7.4	50	58	65	58	8.2	
6	9.6	12.4	13.1	8.4	9.4	10.2	9.3	89	74	82	82	4.4	19.05
7	11.2	12.7	12.0	8.5	9.2	9.7	9.2	74	69	84	76	4.2	
8	10.9	10.9	12.6	9.7	7.5	9.6	8.9	98	58	76	77	0.0	14.73
9	12.6	12.8	10.8	10.1	9.4	9.1	9.5	86	72	88	82	3.6	
0	11.0	12.2	10.9	8.5	9.1	8.6	8.7	73	75	78	75	9.6	0.76
1	11.6	14.1	11.6	8.6	10.5	9.4	9.5	69	75	84	76	9.6	
2	13.2	13.6	12.3	9.9	10.2	10.1	10.1	75	77	88	80	9.5	
3	13.4	15.8	15.4	9.9	11.8	10.2	10.6	75	77	58	70	7.6	
4	12.0	10.4	13.3	8.8	7.3	10.7	8.9	69	58	87	71	6.4	4.19
5	12.9	13.4	12.6	9.7	9.9	10.0	9.9	76	75	83	78	4.2	20.32
6	12.6	12.7	10.4	9.9	9.2	8.2	9.1	79	69	75	74	8.1	1.65
7	11.4	12.1	9.9	8.7	8.7	8.8	8.7	73	77	93	81	6.6	7.49
8	10.1	11.6	9.3	7.8	8.6	7.6	8.0	71	70	77	73	8.4	2.92
9	10.6	11.1	9.1	8.3	8.1	7.8	8.1	75	66	77	73	8.9	1.78
0	8.5	10.4	8.7	6.5	7.4	7.2	7.0	63	60	74	66	8.9	
1	8.7	12.0	12.1	6.7	8.1	9.4	8.1	64	58	79	67	2.5	
	10.01	11.16	9.82	7.67	8.10	7.83	7.86	67.5	64.3	71.8	67.9	6.76	3.15

ight of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
y and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
m of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
me of readings minus 2 hours equals G. C. T.
year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	6stcu	1cu	0	2.3	0	1w	1w	199.4	light	
2	0	1cu	0	0.3	0	1w	1w	219.0	„	
3	1cu	1cu	10ni	4.0	1w	1w	1w	334.0	slight	
4	9ni	9ni	9ni	9.0	0	0	0	381.4	mod.	
5	9cu	10cu	10ni	9.7	0	2ne	1nw	287.0	stormy	
6	1cu	1st	0	0.7	1w	1e	3ne	473.7	rough	
7	0	0	0	0.0	2ne	1w	1n	374.6	stormy	
8	0	0	0	0.0	2ne	1ne	0	367.9	mod.	
9	0	0	0	0.0	0	1n	1n	327.2	„	
10	1ci	2ci	0	1.0	0	1ne	0	454.3	„	
11	1ci	8ci	8cicu	5.7	0	1n	1ne	137.3	stormy	
12	10cu	9cu	9cu	9.3	0	1sw	0	318.8	„	
13	10cu	10cu	10ni	10.0	0	0	0	98.7	„	
14	6ni	9ni	7ci	7.3	1w	4w	0	796.0	mod.	
15	1ci	5cicu	4cu	3.3	0	2sw	0	212.1	„	lightning in north
16	8ni	9ni	8ni	8.3	2w	2sw	1sw	399.1	„	
17	9ci	10ci	10ci	9.7	1w	0	1w	458.6	„	
18	10ni	8ni	7ni	8.3	0	2sw	5w	386.5	light	
19	5ni	1cu	1cu	2.3	1w	1sw	0	231.4	mod.	
20	0	0	0	0.0	1w	2w	1w	199.0	„	
21	0	1cu	0	0.3	0	0	0	182.8	slight	thin fog in morn.
22	0	1cu	0	0.3	0	2w	2w	222.3	mod.	
23	0	3ci	0	1.0	0	1w	3sw	264.5	„	dew nt, fog a.m. lit, p,
24	4stcu	10ni	10ni	8.0	1w	3w	3w	703.6	stormy	mist a.m. lit. th. night
25	5cu	7cu	2cu	4.7	0	2w	0	528.3	mod.	
26	6cu	6cu	1cu	4.3	2nw	1w	1w	575.7	„	
27	5cu	9cu	6ni	6.7	0	1w	0	189.3	light	thunderstorm nigh
28	1cu	10ci	0	3.7	0	1w	1nw	417.6	mod.	
29	2ci	1cu	0	1.0	0	2w	0	246.5	light	
30	2cu	2cu	0	1.3	0	2sw	0	272.6	„	
31	10cu	10stcu	4stcu	8.0	0	1w	2w	423.1	slight	
				4.21	0.5	1.3	1.0	344.42		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	2	0	0	0	0	8	1	20
14:30	2	3	1	0	0	6	15	0	4
20.30	2	2	0	0	0	2	10	2	13
Totals	4	7	1	0	0	8	33	3	37

Number of days with rain 13, fog 2, thunderstorms 2, gales 0.

50-yr average number of days with rain during month 15.8